

atgggccgtggcgaaggagctggagcattcggctgggttcacccaccgcacggaggcccttggggtgagccctcaggctca
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ttgagaaacactcatcctcaggccatgcagtggaaatccac^a~~c~~acttgcaccaaactctgcaagatcccagagtggaggcctgtattc
cctgcgtggctccagttcaggagcagtaaaccctgtccgactactgcctccctatgtcaatctcgaggattggggaccctg
5 cgctgaacatggagaacatcactcaggattcctaggacccttcgtgttacaggcggggtttctgttacaagaatcctcacaata
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ctc~~t~~atctcttgcgttgcgttgcactatcaaggatgttgcggcttgcctctaattccaggatcctcaaccaccacgggaccatg
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tcgttagggcttccccactgttgccttcagttat~~at~~ggatgtgttgcgttgcggcaagtctgtacagcatctgagtcgcattttac
cgctgttaccaatttcttgccttgggtatacattaaacc (SEQ ID NO: ~~4~~ 4)

MGRGDGAGAFGLGFTPPHGLLGWSPQAQGILETLPANPPPASTNRQSGRQPTPLSP
PLRNTHPQAMQWNSTTFHQTLQDPRVRGLYFPAGGSSSGTVNPVPTVSPISSIFSRIG
15 DPALNMENITSGFLGPLLVLQAGFFLLTRILTIPQSLDSWWTSLNFLGGT~~T~~CLGQNS
QSPTSNHSPTSCPPTCPGYRWMCRRFIIFLFILLCLIFLLVLLDYQGMLPVCPPLPGSS
TTSTGPCRTCTPAQGTSMYPSCCCTKPSDGNCNTCIPIPSSWAFGKFLWEWASARFS
WLSLLVPFVQWFVGLSPTVWLSVIWMMWYWGPSLYSILSPFLPLLPIFFCLWVYI
(SEQ. ID NO: ~~1~~ 1)

FIG. 1

atgcccatacgtcaatcttcgaggattggggaccctggatccactactgttcaagcctccaagctgtccctggctttggc
atggacatcgaccctataaagaattggagctactgtggagttactctcgccccctgacttcttcctcagtacgagatctctaga
taccgcctcagctctgtatcggaaagccttagagtcctgagcattgtcacccatactgcactcaggcaagcaattcttgctgg
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5 ttatgtcaacactaatatggcctaaagttcaggcaactcttgtggttcacattctgtctacttttgaagagaaccgttatagagtatt
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gacgacgaggcaggcccctagaagaactccctgcctcgacgaaagggtctcaatgcgcgtcgcagaagatctcaatct
cggaacctcaatgttagtattcc (*SEQ ID NO:3*)

MPLSSIFSRIGDPTVQASKLCLGWLWGMDIDPYKEFGATVELLSFLPSDFFPSVRDLL
10 DTASALYREALESPEHCSPHHTALRQAILCWGELMTLATWVGVNLEDPEFRGDASR
DLVVSYVNTNMGLKFRQLLWFHISCLTFGRETVIEYVSFGVWIRTPPAYRPPNAPIL
STLPETTVVRRGRSPRRRTSPRRRSQSPRRRSQSREPQC (*SEQ ID NO:2*)

FIG. 2